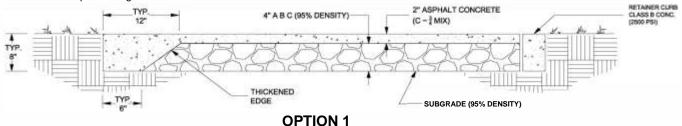
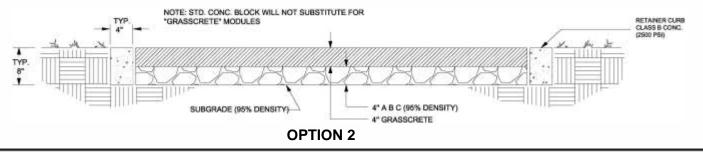
## Option#1

Two (2) inches of asphaltic concrete (C-3/4mi) over six (6) inches of compacted ABC on a prepared subgrade may be used. ABC and subgrade to be compacted to 95% density. Asphaltic concrete shall have thickened edges per M.A.G. Detail 201 Type A. Retainer curbs may be used in lieu of the thickened asphaltic edge treatment.



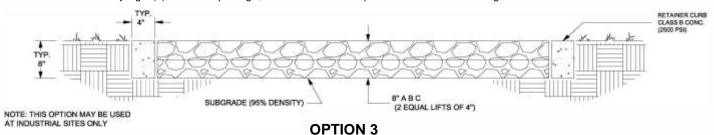
#### Option#2

"Grasscrete", either cast-in-place or precast units a minimum of four (4) inches thick with retainer curbs may be used. "Grasscrete" shall be placed over a prepared subgrade and four (4) inches of compacted ABC (95% density). Standard concrete blocks will not be considered a substitute for "Grasscrete" modules. Retainer curbs shall be four (4) inches wide by eight (8) inches deep, using 2,500 PSI concrete. Top of curb shall be at finished grade.



## Option#3

Eight (8) inches of compacted ABC or compacted, decomposed granite over a prepared subgrade, with retainer curbs may be used. Subgrade shall be compacted to 95% density. ABC should be placed and compacted in two (2) lifts of four (4) inches each, to 95% density. Retainer curbs shall be four (4) inches wide by eight (8) inches deep using 2,500 PSI concrete. Top of curb shall be at finished grade.



#### Note:

The above options are recommended as minimums to assure all-weather access for fire equipment on a limited use basis. Design gross vehicle weight is 78,000 pounds (24,000 pound front axle load, 54,000 rear axle load).

NOTE: MINIMUM WIDTH OF THE DRIVABLE SURFACE IS 20' (FT) (AND 26' (FT) FOR AERIAL FIRE ACCESS) FOR ALL OPTIONS.



# MESA FIRE AND MEDICAL DEPARTMENT DETAIL

## FIRE LANE CONSTRUCTION GUIDELINES WITH OPTIONS

Revised: 02/02/2021

FPD 503.2.3 PAGE 1 OF 1